



U.S. Department  
of Homeland Security  
**United States  
Coast Guard**

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## LOCAL NOTICE TO MARINERS WEEKLY EDITION

**District: 9**

**Week: 08/05**

Issued by: Commander (oan)  
Ninth Coast Guard District  
1240 East Ninth Street,  
Cleveland, OH 44199-2060  
Telephone: (216) 902-6069

Numbers within brackets [ / ] refer to the LNM where information was first printed. Direct questions about this LNM to the above address. The Weekly Supplemental editions of the Local Notice to Mariners contain only information subsequent to the issue date of the Monthly edition. To ensure having complete information concerning the waterways within the Ninth Coast Guard District, consult Monthly Edition 05/05.

\*District Nine Internet Address\* <http://www.uscg.mil/d9/uscgd9.html>

\*\* NIS watchstander, 24 hours a day at (703) 313-5900 \*\* \*Internet Address\*\* <http://www.navcen.uscg.gov/>

Light List Reference: Commandant Publication P16502.7, VOL VII, 2004 Edition / Coast Pilot Reference: 2004 U.S. Coast Pilot 6 Great Lakes 34th Edition

Coast Pilot Corrections Reference download web page: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>

The Local Notice to Mariners is available on the Internet at <http://www.navcen.uscg.gov/lnm/d9/default.htm>. You will also have links to other government agencies, web pages including the US Army Corps of Engineers and the National Ocean Service.

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

The Ninth District and all Group offices for their areas of responsibility issue a BROADCAST NOTICE TO MARINERS.

The following Broadcast Notice to Mariners have been incorporated into this week's Local Notice to Mariners:

Group Buffalo, NY B003-05 through B003-05

Ninth District C009-05 through C011-05

Group Detroit, MI D016-05 through D016-05

Group Grand Haven, MI G004-04 through G004-05

Group Milwaukee, WI M031-05 through M037-05

Group Sault Ste Marie, MI S021-05 through S021-05

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### ABBREVIATIONS

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#### A through I

ACOE - Army Corps of Engineers  
ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
B - Buoy  
BKW - Breakwater  
B - Refer to Light List  
BNM - Broadcast Notice to Mariner  
CG - Refer to Light List  
CHAN - Channel  
CGD - Coast Guard District  
CR - Refer to Light List  
C/O - Cut Off  
CONT - Contour  
CONSTR - Construction  
CRK - Creek  
CONST - Construction  
DBN - Daybeacon  
DBD/DAYBD - Dayboard  
DBN/DEST - Daybeacon Destroyed  
DBN IMCH - Daybeacon Improper

#### K through M

KBG - Refer to Light List  
KBG-I - Refer to Light List  
KBR - Refer to Light List  
KBR-I - Refer to Light List  
KBW - Refer to Light List  
KGB - Refer to Light List  
KGB-I - Refer to Light List  
KGR - Refer to Light List  
KGR-I - Refer to Light List  
KGW - Refer to Light List  
KGW-I - Refer to Light List  
KRB - Refer to Light List  
KRB-I - Refer to Light List  
KRG - Refer to Light List  
KRG-I - Refer to Light List  
KRW - Refer to Light List  
KWB - Refer to Light List  
KWB-I - Refer to Light List  
KWG - Refer to Light List  
KWG-I - Refer to Light List

#### N through Z

NB - Refer to Light List  
N/C - Not Charted  
ND - Refer to Light List  
NG - Refer to Light List  
NGA - National Geospatial-Intelligence Agency  
NL - Refer to Light List  
NO - Number  
NOS - National Ocean Service  
NR - Refer to Light List  
NW - Refer to Light List  
NW - Notice Writer  
NY - Refer to Light List  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
PRIV - Private Aid  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy

Characteristic  
DISCON - Discontinued  
DMGD - Daybeacon Damaged  
EST - Established Aid  
EVAL - Evaluation  
EXT - Extinguished  
FL - Flashing  
FS - Fog Signal  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
ISL - Islet  
-

KWR - Refer to Light List  
KWR-I - Refer to Light List  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LWB - Lighted Whistle Buoy  
LWP - Left Watching Properly  
MISS - Missing  
MR - Refer to Light List  
MR-I - Refer to Light List

REDINT - Reduced Intensity  
RRL - Range Rear Light  
RELIGHTED - Aid Relighted  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
SEC - Section  
SG - Green Square  
SG-SY - Green Square with Yellow Square  
SHL - Shoaling  
SND - Sound  
TEMP - Temporary Aid Change  
St M - Statute Mile  
TR - Red Triangle  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TR-TY - Red Triangle with Yellow Triangle  
TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

BUOYSINK - Partially Submerged  
(C) - Canadian Aid  
DAM - Damaged  
DECOM - Decommissioned  
ENT - Entrance  
JCT - Junction  
LIB - Lighted Ice Buoy  
OFFSTA - Off Station  
MSLDG - Misleading  
PAROBSC - Partially Obscured  
PHD - Pierhead  
RBN - Radiobeacon  
RAC - Racon  
RELDRG - Relocated for dredging  
RELSHL - Relocated for Shoaling  
RELCON - Relocated for Construction  
RPTD - Reported  
(SLS) - St. Lawrence Seaway Devel Corp  
SND CONT - Sounding Continuously  
SUBMGD - Submerged  
W/M - Winter Mark

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### DGPS OFF AIR - Sturgeon Bay - DGPS OFF AIR REQUEST

Request Off-Air for Sturgeon Bay DGPS site on 15 MAR 05 from 1500Z-1700Z (0900-1100 CST). Off-Air is required to complete Navcen DGPS OP order 05-001, FREQ CHG From 322 DHZ to 314 KHZ. Alternate Off-Air Date is 16 Mar 05 from 1500Z-1700Z (0900-1100 CST). POC: ET1 Miller (920) 743-3367 or ETC Bunting (414) 747-7122.

LNM: 08/05

### GREAT LAKES - Drawbridge Delay Reports

Mariners are requested to submit Reports of Drawbridge Signal/Operations Delays directly to the Ninth Coast Guard District Bridge Branch using the attached form. Reports of signal or drawbridge delays have been processed by Coast Guard Marine Safety Offices in recent years, but will now be processed and tracked by the Bridge Branch. Reports may be sent by mail or by fax. The mailing address and fax number are on the form. The updated form is included in this LNM as enclosure

LNM: 08/05

### LORAN-C OPERATIONS, LORSTA CARIBOU (RATE 5930-M/9960-W)

This is a proposal to authorize LORSTA Caribou, Maine (rate 5930-M/9960-W) unusable time from 1700 GMT to 1800 GMT 28 Feb 2005. The alternate time will be from 1700 GMT to 1800 GMT 02 Mar 2005. Objections will be considered until 1800 GMT 22 Feb 2005. Users shall address inquiries to the North Eastern U.S. Loran-C chain operations control officer (LT Luci Bookhammer) at 703-313-5887. Current Loran-C status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov/>

LNM: 05/05

**LAKE ERIE - Fairport Harbor - Shoaling - Chart 14837**

Shoaling has been reported in the vicinity of the Western Approach to the Fairport Harbor Breakwaters. In posit 41-46.248N, 081-16.824W, depth was reported to be 18ft. All mariners are urged to use caution while transiting the area.

LNM: 43/04

**LAKE ERIE, DETROIT RIVER, LAKE ST. CLAIR, ST. CLAIR RIVER, LAKE HURON, SAGINAW BAY - Severe Ice Conditions - Charts 14820 and 14860**

Due to the existing severe ice condition in the Group/ MSO Detroit Area of Responsibility and the threat it poses to mariners and the port, special measures are necessary. All tugs and barges intending to transit through the Group Detroit Area of Responsibility (including the U.S. waters in Lake Erie, The Detroit - St. Clair River corridor, Lower Lake Huron, and Saginaw Bay) must give advance notice six hours prior to the scheduled dock departure or entrance into the Group Detroit Area of Responsibility. These same vessels must also file a transit plan with the Cognizant U.S. Coast Guard Captain of the Port. This transit plan shall include detailed information on the tug and barge, the master's experience, and voyage plans. A form for submitting this plan may be obtained from the Cognizant Captain of the Port or the Group Detroit Operations Center. Plans submitted for review would demonstrate a high level of confidence that a safe transit through each COTP zone is likely to occur within the confines of the vessel and crew capabilities. A Captain of the Port decision will be made based on the submission of the faxed tug and barge transit plan. The requirements still remain for vessels to inform Sarnia traffic in advance of their proposed transit and to arrange for ice breaking support. This system will remain in effect until the present ice condition abates.

LNM: 02/05

**GREEN BAY, WI - Menominee River - Uncharted Shoal - Chart 14917**

The Coast Guard advises all vessels transiting to Marinette/Menominee that an uncharted shoal has developed at the entrance to the Menominee River just south of the red Menominee Entrance Buoy 2 and extending South Westerly to the channel's centerline. On December 2, 2004, unofficial soundings measured the depth above the shoal at 21.7 feet in approximate position 45 06.001' N, 087 34.613' W. Depths of 20-23 feet were also found in the channel extending eastward from the Ogden Street Bridge. Mariners are reminded that the charted depth of the channel as shown on NOAA chart 14917 is 20.0 feet and any attempts to enter the channel at a greater draft are not prudent. Questions can be directed to MSO Milwaukee at 414-747-7155 or, after hours, 414-747-7182.

LNM: 51/04

**LAKE MICHIGAN - Michigan City Harbor, IN - Shoaling - Chart 14905 and 14926**

Shoaling has been reported in the mouth of Trail Creek, Michigan City, IN

LNM: 53/04

**LAKE MICHIGAN - Holland Channel, Holland, MI - Shoaling - Chart 14906 and 14932**

The Coast Guard has a report of significant shoaling inside the Holland channel. The Depth of water has been reported to be 14 to 15 feet just inside the breakwall. All vessels should transit the area with caution.

LNM: 53/04

**ST. MARYS RIVER - Munuscong Lake to Sault Ste Marie - Shoaling - Charts 14883,14884**

The US Army Corps of Engineers have located shoaling in the vicinity of the Bayfield Dike Light. Shoals as much as 1.5 ft above the project depth of 28 ft have been observed. The shoaling area is located approximately 850 feet west of the Bayfield Dike Light, 500 feet long and 40 feet towards the channel. Mariners are advised to use caution when transiting this area.

LNM: 34/04

**ST. MARYS RIVER - Sturgeon Bay, WI - Operating Frequency Change - 14882**

Effective March 15, 2005 at approximately 1700Z, the operating frequency of the Sturgeon Bay, WI DGPS site will change from 322 KHz to 314 KHz. No other parameters will change. The operating parameters listed below will be effective after March 15, 2005 1700Z:

Site Name: STURGEON BAY, WI

Status: Operational

RBn Antenna Location: 44-47.7N, 87-18.9W

REFSTA Antenna Location (A): 44-47.72863N, 87-18.85942W

REFSTA Antenna Location (B): 44-47.72345N, 87-18.86648W

REFSTA RTCM SC- 104 ID (A): 104

REFSTA RTCM SC- 104 ID (B): 105

REFSTA Firmware Version: RD00- 1C19

Broadcast Site ID: 832

Transmit Frequency (KHz): 314

Transmit Rate (bps) 100

Signal Strength 75uV/m at 110 SM

Any questions concerning this frequency change should be directed to the Coast Guard Navigation Center at (703) 313-5900.

LNM: 07/05

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## SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

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### DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2075	OSWEGO HARBOR EAST BREAKWATER LIGHT	DBN DMGD	14813	B165-04	52/04	
3450	DUNKIRK HARBOR BUOY 9	OFF STA	14823		15/04	
4120	CLEVELAND HARBOR EAST BASIN CHANNEL LIGHTED BUOY 8	BUOYSINK	14839	D237-04	53/04	
6050	MAUMEE BAY ENTRANCE LIGHT 2	LT EXT	14847	D233-04	50/04	
6895	EAST OUTER CHANNEL LIGHT 1E	LT IMCH	14830	D015-05	07/05	
8285	SCOTT MIDDLE GROUND MORTH CHANNEL BUOY 2	OFF STA	14853		05/05	
8400	PECHE ISLAND RANGE FRONT LIGHT	LT EXT	14853	D013-05	06/05	
11870	CHEBOYGAN RIVER DAYBEACON 18	MISSING	14886	S217-04	51/04	
13070	MUNUSCONG CHANNEL (UPBOUND) LIGHTED BUOY 9	OFF STA	14883	S233-04	01/05	
13285	MIDDLE NEEBISH CHANNEL LIGHTED BUOY 43	OFF STA	14883	S018-05	06/05	
21150	STURGEON BAY SHIP CANAL BUOY 19	OFF STA	14919	M025-05	06/05	
21610	MINNEAPOLIS SHOAL LIGHT	LT EXT	14908	M018-05	04/05	

### DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9745	RUSSELL ISLAND SHOAL LIGHTED BUOY RI	WATCHING PROPERLY	14853	D016-05	07/05	08/05
12580	ROUND ISLAND PASSAGE LIGHT	WATCHING PROPERLY	14881	S021-05	07/05	08/05

### DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20805	SHEBOYGAN GENERATING STATION SOUTH INTAKE CRIB LIGHT 6	LT EXT	14903	M316-04	53/04	

### DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

### PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

### PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

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## SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

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### TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4350	LORAIN HARBOR LIGHT 6	TRLT	14841		35/03	

6450	LUNA PIER MARINA BREAKWATER LIGHT 1	DISCONTINUED	14830	D224-01	23/01
6455	LUNA PIER MARINA BREAKWATER LIGHT 2	DISCONTINUED	14830	D224-01	23/01
10575	SAGINAW BAY CHANNEL LIGHTED BUOY 2	DISCONTINUED / ICE	14867		06/05
10600	SAGINAW BAY CHANNEL LIGHTED BUOY 5	DISCONTINUED / ICE	14867		06/05
10605	SAGINAW BAY CHANNEL LIGHTED BUOY 6	DISCONTINUED / ICE	14867	D008-05	03/05
10610	SAGINAW BAY CHANNEL LIGHTED BUOY 7	DISCONTINUED / ICE	14867		06/05
10615	SAGINAW BAY CHANNEL LIGHTED BUOY 8	DISCONTINUED / ICE	14867	D008-05	03/05
10620	SAGINAW BAY CHANNEL LIGHTED BUOY 9	DISCONTINUED / ICE	14867	D008-05	03/05
10625	SAGINAW BAY CHANNEL LIGHTED BUOY 10	DISCONTINUED / ICE	14867		06/05
14540	LITTLE LAKE HARBOR LIGHT 2	DISCONTINUED	14962	S182-04	36/04
19002	GRAND RIVER BUOY 3B	ESTABLISHED	14933		24/04
21305	PLUM ISLAND RANGE FRONT LIGHT	N/A	14909	M202-04	33/04
21310	PLUM ISLAND RANGE REAR LIGHT	N/A	14909	M203-04	33/04
21591	LITTLE FISHDAM RIVER ACCESS LIGHT	DISCONTINUED	14908	M050-01	09/01

#### TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

#### PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

#### PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

### SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. **It is up to the mariner to decide which chart(s) are to be corrected.** The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
<i>Chart Title:</i> NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR				CGD01		
(Temp)	ADD	NATIONAL DOCK CHANNEL BUOY 3			at 40-41-09.001N	074-02-48.001W
		Green can				
Corrective Action	Object of Corrective Action		Position			

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

Main Panel 1362 NORTH END OF LAKE MICHIGAN INCLUDING GREEN BAY. Page/Side: N/A

CHANGELongitude from 85°45' to: 84°45' at

NOS44-25-52.000N084-45-00.000W

1490624th Ed.01-FEB-05Last LNM: 08/05NAD 8308/05

ChartTitle: South Haven to Stony Lake;South Haven;Port Sheldon;Saugatuck Harbor

CHART SOUTH HAVEN TO STONY LAKE. Page/Side: N/A

NEW EDITION

(New edition due to various general changes.)

This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS			
Waterway	Project Date	Ref. LNM	
None			

Lake Erie - South Shore of Lake Erie - Chart 14842

Disestablish

Sandusky Bay Channel Buoy 1 (LLNR 5035)

Sandusky Bay Channel Buoy 5 (LLNR 5050)

Sandusky Bay Channel Buoy 6 (LLNR 5055)

Sandusky Bay Channel Buoy 7 (LLNR 5060)

Muddy Creek Buoy 10 (LLNR 5075)

Muddy Creek Buoy 11 (LLNR 5080)

Sandusky Bay Channel Buoy 16 (LLNR 5097)

Sandusky Bay Channel Buoy 19 (LLNR 5105)

Sandusky Bay Channel Buoy 22 (LLNR 5111)

Sandusky Bay Channel Buoy 25 (LLNR 5125)

Change

Sandusky Bay Channel Buoy 3 (LLNR 5040) to Muddy Creek Bay Buoy 1 (LLNR 5035)

Sandusky Bay Channel Buoy 4 (LLNR 5045) to Muddy Creek Bay Buoy 2 (LLNR 5040)

Rename

Muddy Creek Buoy 8 (LLNR 5065) to Muddy Creek Bay Buoy 6 (LLNR 5060)

Muddy Creek Buoy 9 (LLNR 5070) to Muddy Creek Bay Buoy 9 (LLNR 5075) [45/04]

LNM: 08/05

Lake Huron - Harbor Beach - Chart 14860

Change the following buoys from private to federal Aids to Navigation and maintained from Apr 1 to Dec 1.

Harbor Beach Marina Buoy 1 (LLNR 10195) will be lighted with FI G 4s

Harbor Beach Marina Buoy 3 (LLNR 10200) will remain unlighted

LNM: 06/05

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT			
Waterway	Closing	Docket No.	Ref. LNM
None			

**Lake Huron - Considered Disestablishment - Chart 14864**

The Coast Guard is considering disestablishment of Sturgeon Point Light (LLNR 11345). The Lighthouse and associated building will be transferred under the National Historic Lighthouse Preservation Act.

LNM: 37/04

**Lake Huron - Harbor Beach Light, On-Demand Fog Signal - Chart 14862**

The Coast Guard is proposing to solarize and install an on-demand fog signal system in Harbor Beach Light (LLNR 10130). Energize the fog signal by keying VHF microphone on channel 79 five times. The changes would occur in May 2005

LNM: 45/04

**Lake Michigan - Muskegon Lake - Chart 14934**

MUSKEGON S BKW LIGHT (LLNR 18705) - reduce the light range from 7 to 5 miles. Energize the fog signal by keying VHF microphone on channel 79 five times. The changes would occur in May 2005.

LNM: 49/04

**Lake Michigan - Aid Operation - Charts 14922, 14927**

The Coast Guard is proposing the following aids be changed from annual to seasonal:

Manitowoc Buoy 6 (LLNR 20865): Commissioning date of 14 April and decommissioning date of 14 November.

Manitowoc Harbor of Refuge Junction Buoy MH (LLNR 20870): Commissioning date of 14 April and decommissioning date of 14 November.

Clarke Point Shoal Buoy 8 (LLNR 19855): Commissioning date of 01 April and decommissioning date of 01 November.

Belmont Rock Shoal Buoy (LLNR 20100): Commissioning date of 01 April and decommissioning date of 01 November.

LNM: 05/05

**Lake Superior - Keweenaw Waterway - Chart 14972**

Change the following buoy from unlighted to lighted FI G 4s 3 mile range:

Keweenaw Waterway Buoy 51 (LLNR 15030)

LNM: 53/04

**For any Comments or questions on these proposed changes**

please contact BMCS Sharp of the Ninth District Aids to Navigation office at (216) 902-6067.

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**SECTION VII - GENERAL**

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

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**LAKE ERIE - Erie Harbor - Waterways Analysis and Management System Study - Chart 14835**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Erie Harbor Waterway. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer

USCGC Hollyhock (WLB-214)

P. O. Box 610786

Foot of Lincoln Ave.

Port Huron, MI 48061-0786

Phone: (810) 982-2684 [37/04]

WAMS Survey for all mariners in the Erie Harbor. Please take the time to fill out the online survey and add any comments you may have.

Link: <http://www.zoomerang.com/recipient/survey-intro.zgi?p=WEB2242R9J9GNZ>

LNM: 02/05

**DETROIT RIVER - East and West Channel - Waterways Analysis and Management System Study - Chart 14848**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Detroit River East and West Channel Waterways. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer

USCGC Bristol Bay (WTGB 102)

110 Mt. Elliot Ave.

Detroit, MI 48204-4380

ATTN: LTJG Jim Hiltz

Phone: (313) 568-9548

LNM: 37/04

**LAKE HURON - Alpena Harbor - Waterways Analysis and Management System Study - Chart 14864**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Alpena Harbor Waterway. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer

**LAKE HURON - Alpena Harbor - Waterways Analysis and Management System Study - Chart 14864**

USCGC Acacia (WLB-406)  
109 Bridge Park Drive  
Charlevoix, MI 49720-9999  
Phone: (231) 547-4447

LNM: 37/04

**LAKE MICHIGAN - Calumet, Indiana, and Chicago Harbor - Waterways Analysis and Management System Study - Chart 14928 and 14929**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Calumet, Indiana and Chicago Harbor Waterways. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commander  
U. S. Coast Guard Group  
2420 South Lincoln Memorial Dr.  
Milwaukee, WI 53207-1997  
ATTN: ATON Officer  
Phone: (414) 747-7188

LNM: 37/04

**LAKE MICHIGAN - IL - Chicago Harbor, Bridge Closures For Special Events, Chart 14928**

City of Chicago bridges on the Main Branch and South Branch of Chicago River will be secured for special events as follows:

EVENT - DATE - TIME - BRIDGE (BRANCH OF RIVER)

Shamrock Shuffle 8K - Apr 3, 2005 - 0900 to 1200 - State Street, Mile 1.07 (Main)  
\* - \* - \* - Jackson Boulevard, Mile 2.18 (South)  
\* - \* - \* - Van Buren, Mile 2.24 (South)

St. Jude Police League - May 1, 2005 - 0830 to 1030 - Michigan Avenue, Mile 0.87 (Main)  
Memorial March

Chicago Lakeshore - May 30, 2005 - 0600 to 1200 - Lake Shore Drive, Mile 0.33 (Main)  
Marathon

Chicago Triathlon - Aug 28, 2005 - 0600 to 1300 - Lake Shore Drive, Mile 0.33 (Main)

Chicago Marathon+5K - Oct 9, 2005 - 0430 to 1030 - Columbus Drive, Mile 0.70 (Main) C  
\* - Oct 9, 2005 - 0430 to 1130 - State Street, Mile 1.07 (Main)  
\* - \* - \* - LaSalle Street, Mile 1.31 (Main)  
\* - \* - \* - Franklin Street, Mile 1.46 (Main)  
\* - \* - \* - Halsted Street, Mile 4.47 (South)  
\* - \* - \* - Adams Street, Mile 2.09 (South)

Magnificent Mile Lights - Nov 19, 2005 - 1800 to 2000 - Michigan Avenue, Mile 0.87 (Main)  
Festival

Thanksgiving Day Parade - Nov 24, 2005 - 0830 to 1030 - State Street, Mile 1.07 (Main)  
Festival

LNM: 08/05

**LAKE MICHIGAN - IL - Chicago Harbor, Scheduled Inspection, Chart 14928**

Bridge inspectors will use a man-lift to inspect the I-290 (Congress Street) Bridge at Mile 2.35 over the South Branch of the Chicago River between the hours of 0900 and 1500 from March 7 until March 10, 2005. Navigation clearances may be intermittently reduced by the man-lift below the bridge. No equipment will be placed in the waterway and spotters will watch for vessel traffic during the inspection. Mariners are urged to pass with caution.

LNM: 08/05

**LAKE MICHIGAN - IL - Calumet/Chicago Harbors, Bridge Construction and Clearance Reduction, Chart 14926**

Contractors will be performing steel erection work for the new I-294 (Tri-State Tollway) bridge at mile 17.35 over Cal-Sag Channel between February 23 and March 8, 2005. A 55- x 220- work barge will be secured to either the north or south side of the channel throughout this period, except the work barge will be in the center of the channel between the hours of 0600 and 1800 on March 3 and 4, 2005, but will move for passing vessels on scheduled times at 1000 and 1400 those two days. During non-work hours, the barge will be secured to one side and lighted at night. The barge can be moved for emergencies if at least 30-minutes advance notice is provided. The contractor can be contacted on VHF-FM channel 16.

LNM: 08/05

**LAKE SUPERIOR - Duluth/Superior, Keweenaw, Marquette/Munising, Isle Royale, Apostles/Bayfield/Ashland - Waterways Analysis and Management System Study - Chart 14961**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Duluth/Superior, Keweenaw, Marquette/Munising, Isle Royale, and Apostles/Bayfield/Ashland Waterways. The study focuses on the area's aids to navigation system,



**LAKE SUPERIOR - Duluth/Superior, Keweenaw, Marquette/Munising, Isle Royale, Apostles/Bayfield/Ashland - Waterways Analysis and Management System Study - Chart 14961**

waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer  
USCGC Alder (WLB 216)  
1201 Minnesota Avenue  
Duluth, MN 55802-2492  
ATTN: Doug Jannusch, LTJG  
Phone: (218) 720-5461/2/3

LNM: 06/05

**SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFET**

see enclosures

**SECTION VIII - LIGHT LIST CORRECTIONS**

An Asterisk \*, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

**ENCLOSURES**

**SUMMARY OF DREDGING/CONSTRUCTION**

[SUMMARY OF DREDGING.pdf](#)

OPERATIONS IN EFFECT

**MARINE SAFETY-Security and Environmental Protection**

[MarineSaftey07-2005.pdf](#)

SAFTEY ALERT

**Drawbridge Delay Reports**

[Drawbridge.pdf](#)

Form

R. J. PAPP, JR  
Rear Admiral, U. S. Coast Guard  
Commander, Ninth Coast Guard District

**SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT**

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completions are tentative.

<b>Location</b>	<b>LNM</b>	<b>Subject</b>	<b>Hours / Days</b>	<b>Until</b>
<b><u>LAKE ONTARIO</u></b>				
Irondequoit Bay, NY	45/04	BRIDGE CLOSURE	VARIOUS	31 MAR 05
Rochester Harbor, NY	07/05	SCHEDULED MAINTENANCE	24 HRS/ 7 DAYS A WK	26 FEB 2005
<b><u>LAKE ERIE</u></b>				
Cleveland, OH	34/04	DREDGING	VARIOUS	03 JUN 07
Erie Harbor, PA	37/04	WAMS ANALYSIS	VARIOUS	TBD
Black Rock Lock, NY	39/04	DREDGING	VARIOUS	TBD
Toledo, OH	43/04	BASCULE REPLACEMENT	VARIOUS	07 MAR 05
Maumee River, OH	43/04,45/04	BRIDGE CLOSURE	VARIOUS	07 MAR 05
Buffalo Harbor, NY	28,35,47/04	BRIDGE MAINTENENACE	VARIOUS	31 JUL 05
Maumee River, OH	48/04	BRIDGE CLOSURE FOR REHABILITATION	VARIOUS	07 MAR 05
Ashtabula Harbor, OH	49/04	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	01 APR 05
Cleveland Harbor, OH	53/04	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	14 MAR 05
<b><u>DETROIT RIVER</u></b>				
Fleming Channel, MI	25/04	BARGE OPERATIONS	24 HRS/ 7 DAYS A WK	TBD
East and West Channel	37/04	WAMS ANALYSIS	VARIOUS	TBD
<b><u>ST CLAIR RIVER</u></b>				
Pine River, MI	44/04,45/04	SUBMARINE CABLE REPLACEMENT	0700-1700/MON-SAT	15 MAR 05
<b><u>LAKE HURON</u></b>				
Alpena Harbor, MI	37/04	WAMS ANALYSIS	VARIOUS	TBD
<b><u>STRAITS OF MACKINAC</u></b>				
Straits of Mackinac	21/04	BRIDGE MAINTENANCE - PAINTING	VARIOUS	DEC 06
<b><u>LAKE MICHIGAN</u></b>				
Manistee Harbor, MI	35/04	BRIDGE MAINTENANCE AND CLOSURE	24 HRS/ 7 DAYS A WK	30 APR 05
St. Joseph River, MI	43/04	REHABILITATION UPGRADES	VARIOUS	15 MAR 06
Indiana Harbor, IN	28/04	REPORTED OBSTRUCTION	24 HRS/ 7 DAYS A WK	TBD
Milwaukee Harbor, WI	43/04	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	01 APR 05
Green Bay Harbor, WI	47/04	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	01 APR 05
Green Bay Harbor, WI	49/04	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	01 APR 05
Chicago Harbor, IL	50/04	BRIDGE CLOSURES SCHEDULED MAINTENANCE	VARIOUS	31 MAR 05
Chicago Harbor, IL	22/04,51/04	BRIDGE MAINTENANCE	0700-1630/ MON – FRI	15 MAR 05
St. Joseph River, MI	52/04	WINTER OPERATING SCHEDULE	VARIOUS	28 FEB 05
Sturgeon Bay, WI	01/05	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	15 MAR 05
Calumet Harbor, IL	05/05	BRIDGE WINTER OPERATING SCHEDULE	VARIOUS	15 MAR 05
Milwaukee Harbor, WI	06/05	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	24 JUL 05
Indiana Harbor Canal, IN	06/05	INSTALL COFFERDAMS	VARIOUS	30 AUG 05
St. Joseph Harbor, MI	07/05	BRIDGE CLOSURE FOR SPECIAL EVENT	1100-1700/ SAT	07 MAY 05
Chicago Harbor, IL	08/05	CLOSURES FOR SPECIAL EVENTS	VARIOUS	24 NOV 05
Chicago Harbor, IL	08/05	SCHEDULED INSPECTION	0900-1500/ MON-THUR	10 MAR 05
Calumet/Chicago Harbors, IL	08/05	CONSTRUCTION AND CLEARANCE REDUCTION	VARIOUS	08 MAR 05
<b><u>ST. MARY'S RIVER</u></b>				
Sault Ste Marie Locks, MN	51/04	LOCK CLOSURE FOR WINTER SEASON	24 HRS/ 7 DAYS A WK	Spring 2005
<b><u>LAKE SUPERIOR</u></b>				
Superior, WI	04/05	RAILROAD	0800-2400/ MON – SUN	31 MAR 05
Duluth/Superior Harbor, MN/WI	06/05	SCHEDULED MAINTENANCE	0000-0700/ TUE	08 MAR 05



# U.S. Coast Guard Safety Alert



## Marine Safety, Security and Environmental Protection

February 4, 2005  
Washington, DC

Alert 1-05

### GPS Receiver Manually-Entered Position Offsets May Cause Safety Hazard when Interconnected to Navigation Devices

It has come to the attention of the U.S. Coast Guard that certain Global Positioning System (GPS) receivers do not provide a proper indication to other connected equipment when manually-entered position offsets are entered into the GPS receiver. Even a small offset could result in danger of collision or other navigation safety hazard when the receiver is interconnected to devices such as an automatic identification system (AIS), Electronic Chart Display and Information System (ECDIS), integrated navigation systems (INS) or track control system (TCS).

The problem is caused by an error in the NMEA 0183/IEC 61162 data interface Datum Reference ("DTM") "local datum" field. Navigation systems interconnected to the GPS receiver use this field to determine whether the position received is referenced to World Geodetic System 84 (WGS84) or something different. AIS equipment, for example, disregards external position information for reasons of safety if the "local datum" field does not indicate WGS84. As a result, equipment that is interfaced to GPS receivers having this problem would act as if the position were referenced to the WGS84 datum, when in fact the position differs from the WGS84 datum by the manual offsets entered by the vessel's crew or captain.

The problem can be identified if own ship position displayed on an AIS changes in proportion to manually-entered offsets entered into the GPS receiver interconnected to the AIS. The GPS is operating correctly in such a situation if the AIS reverts to its integral GPS and disregards the manually-entered offsets sent from the externally-connected GPS.

#### GPS Receivers identified having this problem:

Furuno GP80  
Furuno GP90

Mariners having these receivers are advised to either take steps to ensure that the manually-offset feature is never and can never be used, or to disconnect these receivers from the AIS, ECDIS, INS, TCS or other navigation or communications system.

Technical questions relating to this alert may be addressed to Mr. Lee Luft at (860) 441-2685 or [LLuft@rdc.uscg.mil](mailto:LLuft@rdc.uscg.mil).

This material is provided for informational purpose only and does not relieve any existing domestic or international safety, operational or material requirement.

## DRAWBRIDGE SIGNALS / OPERATION DELAYS

TO: Commander (obr)  
Ninth Coast Guard District  
1240 E. 9<sup>th</sup> Street – Room 2025  
Cleveland, Ohio 44199-2060  
(216) 902-6084  
fax: (216) 902-6088

DATE: \_\_\_\_\_

**NOTE:** Reports of Delay will be processed  
only when all items are fully addressed  
and reports submitted within 15 days of  
reported delay / difficulty.

Please forward report to address or fax number above.

1. NAME OF VESSEL: \_\_\_\_\_

2. PORT: \_\_\_\_\_

3. DATE OF DELAY: \_\_\_\_\_ // INBOUND // OUTBOUND

4. BRIDGE NAME: \_\_\_\_\_

WATERWAY: \_\_\_\_\_ MILE: \_\_\_\_\_

(Bridge name, waterway, and mile from Coast Pilot #6)

**NOTE:** IF DELAY IS AT RAILROAD BRIDGE, AND TRAINS ARE "CONTINUOUSLY" BEING RUN ACROSS, PLEASE  
INDICATE ON REVERSE SIDE OF FORM THE STARTING AND ENDING TIMES FOR EACH TRAIN.

5. IF ADVANCE NOTICE REQUIRED FOR OPENING, NOTICE GIVEN:

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ TO WHOM: \_\_\_\_\_

6. TIME FIRST SIGNAL GIVEN FOR BRIDGE: \_\_\_\_\_

7. TIME FIRST SIGNAL RECEIVED FROM BRIDGE: \_\_\_\_\_  
(Did response indicate immediate opening could be expected or that there would be a delay?) \_\_\_\_\_

8. TIME BRIDGE OPENED: \_\_\_\_\_ TIME LOST: \_\_\_\_\_

TOTAL TIME LOST: \_\_\_\_\_ (including time required for checking, stopping, anchoring)

9. WHAT WAS REASON FOR DELAY? \_\_\_\_\_

\_\_\_\_\_

10. WHAT NAVIGATIONAL OR MANEUVERING DIFFICULTIES WERE CAUSED BY  
DELAY? \_\_\_\_\_

\_\_\_\_\_

11. PRINTED OR TYPED NAME AND ADDRESS OF COMPLAINANT:

PHONE NUMBER AND/OR E-MAIL ADDRESS:

\_\_\_\_\_

\_\_\_\_\_

(SIGNATURE)